

10/067,017

ANSWER SUMMARY

L3 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2003
ACS; Ningnanmycin, mixt. with 1-
triacontanol; 387355-49-9 REGISTRY

L3 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2003
ACS; monohydrochloride 1-(4-amino-2-oxo-
1(2H)-pyrimidinyl)-1,4-dideoxy-4-[(N-
methylglycyl-D-seryl)amino]- β -D-
Glucopyranuronamide; 210302-86-6 REGISTRY

L3 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2003
ACS; Ningnanmycin; 156410-09-2 REGISTRY

L3 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2003
ACS; 4-[[N-methylglycyl-3-
[(aminoiminomethyl)amino]-D-alanyl]amino]-
1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-
dideoxy- β -D-Glucopyranuronamide; 104840-
35-9 REGISTRY

L3 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2003
ACS; N-[3-[(4-aminobutyl)amino]propyl]-4-
[[N-methylglycyl-3-[(aminoiminomethyl)
amino]-D-alanyl]amino]-1-(4-amino-2-oxo-
1(2H)-pyrimidinyl)-1,4-dideoxy- β -D-
Glucopyranuronamide; 104840-34-8 REGISTRY

L3 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2003
ACS; dipicrate (7CI) Gougerotin; 103423-

10/067,017

73-0 REGISTRY

L3 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2003
ACS; 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-
1,4-dideoxy-4-[(N-methylglycylseryl)
amino]- β -D-Galactopyranuronamide; 90241-
99-9 REGISTRY

L3 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2003
ACS; (R)-1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[[2-[[[(3-
diazo-4-ethoxy-2,4-dioxobutyl)
methylamino]acetyl]amino]-3-hydroxy-1-
oxopropyl]amino]- β -D-Glucopyranuronamide;
81260-23-3 REGISTRY

L3 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2003
ACS; (R)-1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[[2-[[[[[(1,1-
dimethylethoxy)carbonyl]methylamino]
acetyl]amino]-3-hydroxy-1-oxopropyl]
amino]- β -D-Glucopyranuronamide; 58108-50-
2 REGISTRY

L3 ANSWER 10 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[(N-glycyl-D-
seryl)amino]- β -D-Glucopyranuronamide;
56675-46-8 REGISTRY

10/067,017

L3 ANSWER 11 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[[N-(N-
methylglycyl)glycyl]amino]- β -D-
Glucopyranuronamide; 56675-45-7 REGISTRY

L3 ANSWER 12 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[[N-(N-
methylglycyl)-D-alanyl]amino]- β -D-
Glucopyranuronamide; 56675-44-6 REGISTRY

L3 ANSWER 13 OF 17 REGISTRY COPYRIGHT
2003 ACS; [R-(R*,R*)]-1-(4-amino-2-oxo-
1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[3-
hydroxy-2-[[3-hydroxy-2-[(methylamino)
acetyl]amino]-1-oxopropyl]amino]-1-
oxopropyl]amino]- β -D-Glucopyranuronamide;
55788-17-5 REGISTRY

L3 ANSWER 14 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-N,N-dimethyl-4-
[[N-(N-methylglycyl)-D-seryl]amino]- β -D-
Glucopyranuronamide; 51693-92-6 REGISTRY

L3 ANSWER 15 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-N-methyl-4-[[N-

10/067,017

(N-methylglycyl)-D-seryl]amino]- β -D-
Glucopyranuronamide; 51693-91-5 REGISTRY
L3 ANSWER 16 OF 17 REGISTRY COPYRIGHT
2003 ACS; β -D-1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[2-[2-
(methylamino)acetamido]hydracrylamido]-
Glucopyranuronamide; 24317-86-0 REGISTRY
L3 ANSWER 17 OF 17 REGISTRY COPYRIGHT
2003 ACS; 1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy-4-[[N-(N-
methylglycyl)-D-seryl]amino]- β -D-
Glucopyranuronamide; 2096-42-6 REGISTRY

10/067,017

chain nodes :

13 14 15 16 17 18 19 20 21 22 27

ring nodes :

1 2 3 4 5 6 7 8 9 10 11 12

ring/chain nodes :

23

chain bonds :

2-13 3-15 5-8 9-14 13-17 15-16 15-27 17-18 18-19 19-20 20-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 7-8 7-12 8-9 9-10 10-11 11-12

exact/norm bonds :

2-13 5-8 7-8 7-12 8-9 9-10 9-14 10-11 11-12 13-17 15-16 15-27 17-18 18-19 19-20 20-21

exact bonds :

1-2 1-6 2-3 3-4 3-15 4-5 5-6

isolated ring systems :

containing 1 :

G1: [*1], [*2]

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Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom
7:Atom 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:CLASS 14:CLASS 15:CLASS
16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS
27:CLASS

° L3 ANSWER 1 OF 17 REGISTRY

COPYRIGHT 2003 ACS

CAS Registry Number

387355-49-9 REGISTRY

Chemical or Trade Name

Ningnanmycin, mixt. with 1-
triacontanol (9CI) (CA INDEX NAME)

OTHER NAMES:

Ningnanmycin-1-triacontanol mixt.

Source of Registration

CA

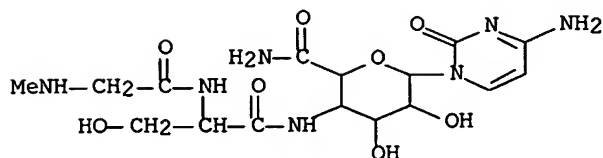
Graphics

CM 1

10/067,017

CRN 156410-09-2

CMF C16 H25 N7 O8



CM 2

CRN 593-50-0

CMF C30 H62 O

HO— (CH₂)₂₉—Me

Reference(s)

IN FILE CA (1957 TO DATE)

1

IN FILE CAPLUS (1957 TO DATE)

1

REFERENCE 1: 136:81272 Efficacy
of aqueous virus NS against tobacco

Thomas McKenzie

7

6/2/03

10/067,017

mosaic

disease in field. Sun,
Guangzhong; Peng, Chaomei; Xiang,
Zhenjin; Xiang,

Zhengyou (Hubei
Administration Department of
Pesticide Testing, Wuchang,
430070, Peop. Rep. China).

Nongyao, 40(4), 34-35 (Chinese)
2001. CODEN:

NONGFP. ISSN: 1006-0413.

Publisher: Nongyao Bianjibu.

10/067,017

1.3 ANSWER 2 OF 17 REGISTRY
COPYRIGHT 2003 ACS

CAS Registry Number

210302-86-6 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[(N-methylglycyl-D-seryl)amino]-, monohydrochloride (9CI)

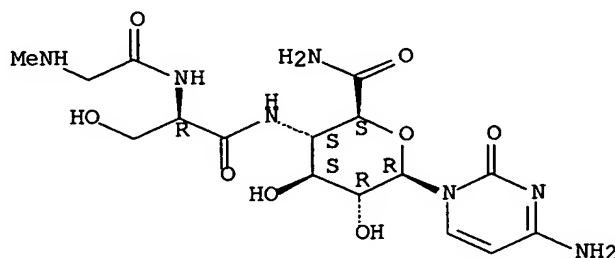
(CA

INDEX NAME)

Source of Registration

CA

Graphics



● HCl

Reference(s)

Thomas McKenzie

9

6/2/03

10/067,017

IN FILE CA (1957 TO DATE)

1

IN FILE CAPLUS (1957 TO DATE)

1

REFERENCE 1: 129:117832
Compositions and methods for
restoring a normal
pattern of genetic imprinting
to cells, diagnostic and
therapeutic use,
and use in identification of
pharmacological compounds.
Feinberg, Andrew

P. (USA). PCT Int. Appl. WO
9829108 A2 19980709, 42 pp.

DESIGNATED

STATES: W: AL, AM, AT, AT,
AU, AZ, BA, BB, BG, BR, BY, CA, CH,
CN, CU,

CZ, CZ, DE, DE, DK, DK, EE,
EE, ES, FI, FI, GB, GE, GH, HU, ID,
IL, IS,

JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MD, MG, MK,
MN, MW,

10/067,017

MX, NO, NZ, PL, PT, RO, RU,
SD, SE, SG, SI, SK, SK, SL, TJ, TM,
TR, TT,

UA, UG, US, UZ, VN, YU, ZW,
AM, AZ, BY, KG, KZ, MD, RU, TJ, TM;
RW: AT,

BE, BF, BJ, CF, CG, CH, CI,
CM, DE, DK, ES, FI, FR, GA, GB, GR,
IE, IT,

LU, MC, ML, MR, NE, NL, PT,
SE, SN, TD, TG. (English). CODEN:
PIXXD2.

APPLICATION: WO 1997-US23991
19971229. PRIORITY: US 1996-34095
19961230.

Patent Information

PATENT NO.	KIND	DATE
APPLICATION NO.	DATE	

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PI	WO 9829108	A2	19980709	WO
	1997-US23991		19971229	

WO 9829108	A3	19990218
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W: AL, AM, AT, AT, AU, AZ, BA, BB,
BG, BR, BY, CA, CH, CN, CU, CZ,

10/067,017

CZ, DE, DE, DK, DK, EE, EE, ES, FI,
FI, GB, GE, GH, HU, ID, IL,
IS, JP, KE, KG, KP, KR, KZ, LC, LK,
LR, LS, LT, LU, LV, MD, MG,
MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, SK,
SL, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, ZW, AM, AZ, BY, KG,
KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SZ, UG,
ZW, AT, BE, CH, DE, DK, ES, FI,
FR, GB, GR, IE, IT, LU, MC, NL, PT,
SE, BF, BJ, CF, CG, CI, CM,
GA, GN, ML, MR, NE, SN, TD, TG
AU 9857223 A1 19980731 AU
1998-57223 19971229
EP 969822 A2 20000112 EP
1997-953486 19971229
R: AT, BE, CH, DE, DK, ES, FR, GB,
GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO
JP 2001507703 T2 20010612 JP
1998-530254 19971229
US 6235474 B1 20010522 US

10/067,017

1998-114825 19980714

10/067,017

° L3 ANSWER 3 OF 17 REGISTRY
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CAS Registry Number

156410-09-2 REGISTRY

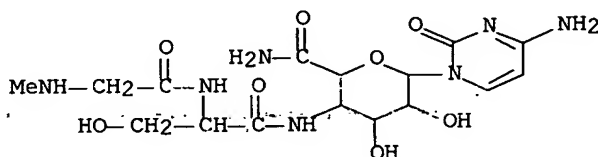
Chemical or Trade Name

Ningnanmycin (9CI) (CA INDEX NAME)

Source of Registration

CA

Graphics



Reference(s)

IN FILE CA (1957 TO DATE)

6

IN FILE CAPLUS (1957 TO DATE)

6

REFERENCE 1: 136:81272 Efficacy
of aqueous virus NS against tobacco
mosaic

Thomas McKenzie

14

6/2/03

10/067,017

disease in field. Sun,
Guangzhong; Peng, Chaomei; Xiang,
Zhenjin; Xiang,

Zhengyou (Hubei
Administration Department of
Pesticide Testing, Wuchang,
430070, Peop. Rep. China).
Nongyao, 40(4), 34-35 (Chinese)
2001. CODEN:

NONGFP. ISSN: 1006-0413.
Publisher: Nongyao Bianjibu.

REFERENCE 2: 136:33332
Composite pesticidal plant growth
regulator

containing ningnanmycin. Hu,
Xianghan; Xu, Enguang (Northeastern
Branch

Design Inst. of Chinese
Comprehensive Development Inst.,
Peop. Rep.

China). Faming Zhuanli
Shenqing Gongkai Shuomingshu CN
1296754 A

20010530, 10 pp. (Chinese).
CODEN: CNXXEV. APPLICATION: CN

10/067,017

1999-122552
19991117.

Patent Information

PATENT NO.	KIND	DATE
APPLICATION NO.	DATE	

PI	CN 1296754	A	20010530	CN
	1999-122552		19991117	
	CN 1078445	B	20020130	

REFERENCE 3: 135:288207 Preparation of
huangningsu biological fertilizer.

Liu, Deyu; Hu, Xianghan (Dongbei Design
and Research Branch Inst., China

Comprehensive Development Academy,
Peop. Rep. China). Faming Zhuanli

Shenqing Gongkai Shuomingshu CN
1295993 A 20010523, 9 pp. (Chinese).

CODEN: CNXXEV. APPLICATION: CN
1999-122544 19991116.

PATENT NO.	KIND	DATE
APPLICATION NO.	DATE	

10/067,017

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PI CN 1295993 A 20010523 CN
1999-122544 19991116

REFERENCE 4: 124:140537 A new
agricultural antibiotic - ningnanmycin.

Xiang, Guxi; Houzhi, Hu; Chen, Jiaren;
Chen, Weixin (Chengdu Biological
Inst., Academia Sinica, Chengdu, 610041,
Peop. Rep. China). Weishengwu

Xuebao, 35(5), 368-74 (Chinese) 1995.

CODEN: WSHPA8. ISSN: 0001-6209.

Publisher: Kexue.

REFERENCE 5: 123:77145 A new antibiotic
pesticides-ningnan meisu. Hu,

Houzhi; Xiang, Guxi; Chen, Jiaren (Chengdu
Biology Institute, Peop. Rep.

China). Faming Zhuanli Shenqing Gongkai
Shuomingshu CN 1093869 A

19941026, 8 pp. (Chinese). CODEN:
CNXXEV. APPLICATION: CN 1993-104287
19930423.

PATENT NO. KIND DATE

10/067,017

APPLICATION NO. DATE

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PI CN 1093869 A 19941026 CN
1993-104287 19930423
CN 1036307 B 19971105

REFERENCE 6: 121:81037 Screening and
fermentation of high production strain
of ningnanmycin. Hu, Houzhi; Cheng,
Jiaren; Xiang, Guxi; Xu, Shenglin;
Shen, Soubin (Chengdu Inst. Biol., Acad.
Sin., Chengdu, 610015, Peop. Rep.
China). Weishengwu Xuebao, 33(6), 446-
53. (Chinese) 1993. CODEN: WSHPA8.
ISSN: 0001-6209.

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° L3 ANSWER 4 OF 17 REGISTRY
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CAS Registry Number

104840-35-9 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 4-[[N-methylglycyl-3-
[(aminoiminomethyl)amino]-D-alanyl]
amino]-1-(4-amino-2-oxo-1(2H)-
pyrimidinyl)-1,4-dideoxy- (9CI)
(CA INDEX NAME)

OTHER CA INDEX NAMES:

β -D-Glucopyranuronamide, 4-[[[3-
[(aminoiminomethyl)amino]-N-(N-
methylglycyl)-D-alanyl]amino]-1-(4-
amino-2-oxo-1(2H)-pyrimidinyl)-1,4-
dideoxy-

OTHER NAMES:

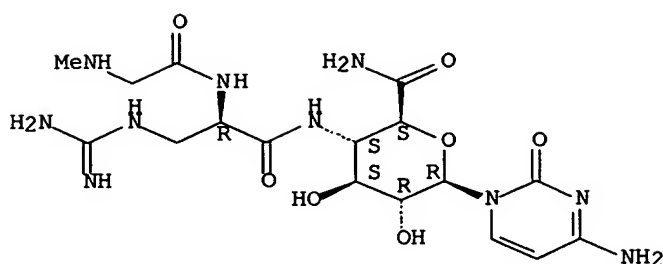
Bagougeramine A

Source of Registration

CA

Graphics

10/067,017



Reference(s)

IN FILE CA (1957 TO DATE)

3

IN FILE CAPLUS (1957 TO DATE)

3

REFERENCE 1: 108:20545
Antibiotic bagougeramine
manufacture with Bacillus
species. Umezawa, Hamao;
Okami, Yoshiro; Takahashi, Atsushi
(Microbiochemical Research
Foundation, Japan). Jpn. Kokai
Tokkyo Koho JP
62153299 A2 19870708 Showa,
15 pp. (Japanese). CODEN: JKXXAF.
APPLICATION: JP 1985-292830
19851227.

Patent Information

PATENT NO.	KIND	DATE
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Thomas McKenzie	20
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6/2/03

10/067,017

APPLICATION NO. DATE

--

PI JP 62153299 A2 19870708 JP
1985-292830 19851227

REFERENCE 2: 105:168759

Bagougeramines A and B, new nucleoside antibiotics

produced by a strain of Bacillus circulans.

II. Physico-chemical

properties and structure determination.

Takahashi, Atsushi; Ikeda,

Daishiro; Naganawa, Hiroshi; Okami,

Yoshiro; Umezawa, Hamao (Inst. Microb.

Chem., Tokyo, 141, Japan). Journal of Antibiotics, 39(8), 1041-6

(English) 1986. CODEN: JANTAJ. ISSN: 0021-8820.

REFERENCE 3: 105:168545

Bagougeramines A and B, new nucleoside antibiotics

produced by a strain of Bacillus circulans. I.

10/067,017

Taxonomy of the producing
organism and isolation and biological
properties of the antibiotics.

Takahashi, Atsushi; Saito, Noriko; Hotta,
Kunimoto; Okami, Yoshiro;
Umezawa, Hamao (Inst. Microb. Chem.,
Tokyo, 141, Japan). Journal of
Antibiotics, 39(8), 1033-40 (English) 1986.
CODEN: JANTAJ. ISSN:
0021-8820.

10/067,017

° L3 ANSWER 5 OF 17 REGISTRY
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CAS Registry Number

104840-34-8 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, N-[3-[(4-aminobutyl)amino]propyl]-4-[[N-methylglycyl-3-[(aminoiminomethyl)amino]-D-alanyl]amino]-1-(4-amino-2-oxo-

1(2H)-pyrimidinyl)-1,4-dideoxy-
(9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

β -D-Glucopyranuronamide, N-[3-[(4-aminobutyl)amino]propyl]-4-[[3-[(aminoiminomethyl)amino]-N-(N-methylglycyl)-D-alanyl]amino]-1-(4-amino-2-

oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-

OTHER NAMES:

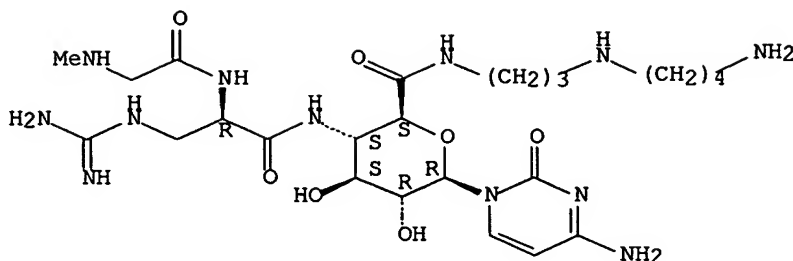
Bagougeramine B

Source of Registration

CA

10/067,017

Graphics



Reference(s)

IN FILE CA (1957 TO DATE)

3

IN FILE CAPLUS (1957 TO DATE)

3

REFERENCE 1: 108:20545

Antibiotic bagougeramine manufacture with Bacillus

species. Umezawa, Hamao;
Okami, Yoshiro; Takahashi, Atsushi
(Microbiochemical Research
Foundation, Japan). Jpn. Kokai
Tokkyo Koho JP

62153299 A2 19870708 Showa,
15 pp. (Japanese). CODEN: JKXXAF.

APPLICATION: JP 1985-292830
19851227.

10/067,017

Patent Information

PATENT NO.	KIND	DATE
APPLICATION NO.	DATE	

--

PI	JP 62153299	A2	19870708	JP
	1985-292830		19851227	

REFERENCE 2: 105:168759

Bagougeramines A and B, new nucleoside antibiotics

produced by a strain of *Bacillus circulans*.

II. Physico-chemical

properties and structure determination.

Takahashi, Atsushi; Ikeda,

Daishiro; Naganawa, Hiroshi; Okami,

Yoshiro; Umezawa, Hamao (Inst. Microb.

Chem., Tokyo, 141, Japan). *Journal of Antibiotics*, 39(8), 1041-6

(English) 1986. CODEN: JANTAJ. ISSN: 0021-8820.

REFERENCE 3: 105:168545

Bagougeramines A and B, new nucleoside

10/067,017

antibiotics

produced by a strain of *Bacillus circulans*. I.
Taxonomy of the producing
organism and isolation and biological
properties of the antibiotics.

Takahashi, Atsushi; Saito, Noriko; Hotta,
Kunimoto; Okami, Yoshiro;
Umezawa, Hamao (Inst. Microb. Chem.,
Tokyo, 141, Japan). *Journal of*
Antibiotics, 39(8), 1033-40 (English) 1986.
CODEN: JANTAJ. ISSN:
0021-8820.

10/067,017

° L3 ANSWER 6 OF 17 REGISTRY
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CAS Registry Number

103423-73-0 REGISTRY

Chemical or Trade Name

Gougerotin, dipicrate (7CI) (CA
INDEX NAME)

Source of Registration

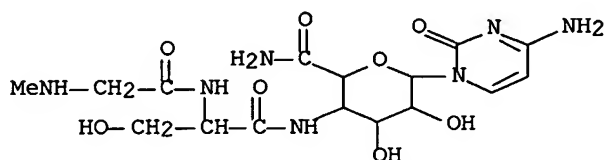
CAOLD

Graphics

CM 1

CRN 2096-42-6

CMF C16 H25 N7 O8



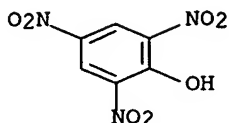
CM 2

Thomas McKenzie 27

6/2/03

10/067,017

CRN 88-89-1
CMF C6 H3 N3 O7



Reference(s)

IN FILE CA (1957 TO DATE)

2

IN FILE CAPLUS (1957 TO DATE)

2

IN FILE CAOLD (PRIOR TO 1967)

2

REFERENCE 1: 59:3843 Structure of gougerotin. I. Properties of gougerotin.

Iwasaki, Hidesuke (Takeda Res. Lab., Osaka). Yakugaku Zasshi, 82, 1358-61

(Unavailable) 1962. CODEN: YKKZAJ. ISSN: 0031-6903.

REFERENCE 2: 57:5852
Gougerotin, a new antibacterial

10/067,017

antibiotic. Kanzaki,
Toshihiko; Higashide, Eiji;
Yamamoto, Hiroichi; Shibata, Motoo;
Nakazawa,
Koichi; Iwasaki, Hidesuke;
Takewaka, Torao; Miyake, Akira
(Takeda Chem.
Inds., Osaka). J,
Antibiotics (Tokyo) Ser. A, 15, 93-
7 (Unavailable)
1962.

CAOLD References

2

REFERENCE 1: 59:3843 Structure of
gougerotin. I. Properties of gougerotin. Iwasaki,
Hidesuke (Takeda Res. Lab., Osaka).
Yakugaku Zasshi, 82, 1358-61 (Unavailable)
1962. CODEN: YKKZAJ. ISSN: 0031-6903.

REFERENCE 2: 57:5852 Gougerotin, a new
antibacterial antibiotic. Kanzaki, Toshihiko;
Higashide, Eiji; Yamamoto, Hiroichi; Shibata,
Motoo; Nakazawa, Koichi; Iwasaki, Hidesuke;

10/067,017

Takewaka, Torao; Miyake, Akira (Takeda Chem. Inds., Osaka). J, Antibiotics (Tokyo) Ser. A, 15, 93-7 (Unavailable) 1962.

10/067,017

□ L3 ANSWER 7 OF 17 REGISTRY
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CAS Registry Number

90241-99-9 REGISTRY

Chemical or Trade Name

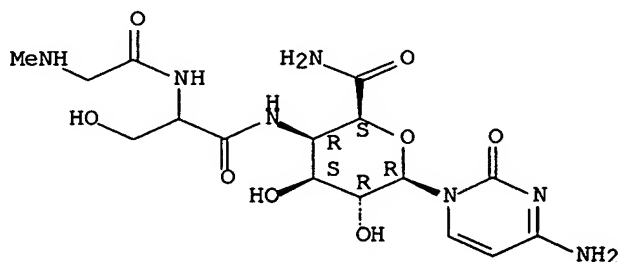
β -D-Galactopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[(N-methylglycylseryl)amino]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

Galactopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-

[2-[2-(methylamino)acetamido]hydracrylamido]- (7CI)

Graphics



10/067,017

Reference(s)

IN FILE CAOLD (PRIOR TO 1967)

1

CAOLD References

1

10/067,017

° L3 ANSWER 8 OF 17 REGISTRY
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CAS Registry Number

81260-23-3 REGISTRY

Chemical or Trade Name

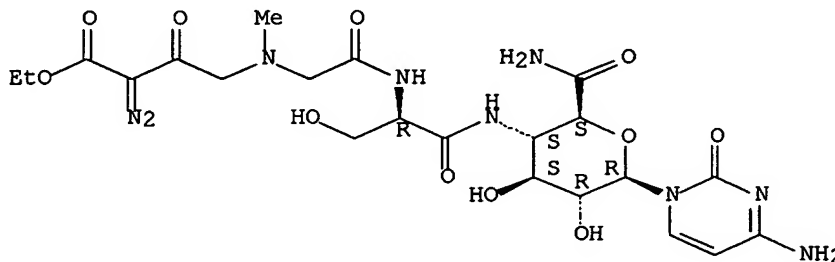
β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[2-[[[(3-diazo-4-ethoxy-2,4-dioxobutyl)methylamino]acetyl]amino

]-3-hydroxy-1-oxopropyl]amino]-, (R)- (9CI) (CA INDEX NAME)

OTHER NAMES:

N-(3-Carbethoxy-3-diazo)acetonylgougerotin

Graphics



10/067,017

Reference(s)

IN FILE CA (1957 TO DATE)

1

IN FILE CAPLUS (1957 TO DATE)

1

REFERENCE 1: 96:139040
Photoaffinity labeling of
ribosomes. Cooperman, B.
S.; Grant, P. G.; Goldman, R.
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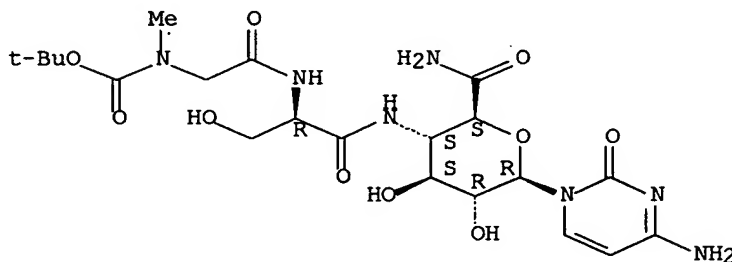
CAS Registry Number

58108-50-2 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[2-[[[(1,1-dimethylethoxy)carbonyl]methylamino]acetyl]amino]-3-hydroxy-1-oxopropyl]amino]-, (R)-(9CI) (CA INDEX NAME)

Graphics



Reference(s)

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1

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35

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Wolfgang; Sanemitsu, Yuzuru
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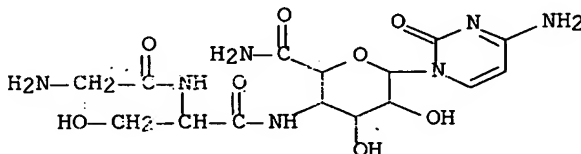
CAS Registry Number

56675-46-8 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[(N-glycyl-D-seryl)amino] - (9CI) (CA INDEX NAME)

Graphics



Reference(s)

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1

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REFERENCE 1: 83:142424
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relation of

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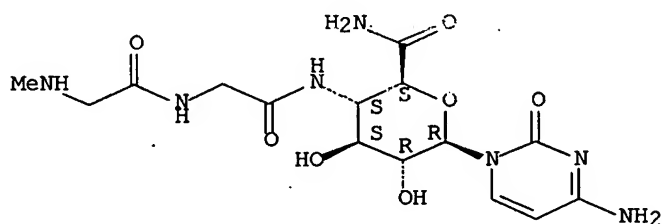
CAS Registry Number

56675-45-7 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[N-(N-methylglycyl)glycyl]amino]- (9CI) (CA INDEX NAME)

Graphics



Reference(s)

IN FILE CA (1957 TO DATE)

1

IN FILE CAPLUS (1957 TO DATE)

1

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REFERENCE 1: 83:142424
Synthetic studies on nucleoside
antibiotics. 13.

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synthesis. 4. Structure-activity
relation of

gougerotin and some of its
analogs. Coutsogeorgopoulos, C.;
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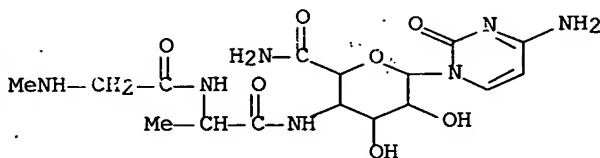
CAS Registry Number

56675-44-6 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[N-(N-methylglycyl)-D-alanyl]amino]- (9CI) (CA INDEX NAME)

Graphics



Reference(s)

IN FILE CA (1957 TO DATE)

1

IN FILE CAPLUS (1957 TO DATE)

1

REFERENCE 1: 83:142424
Synthetic studies on nucleoside

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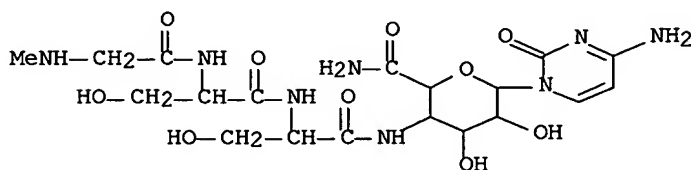
CAS Registry Number

55788-17-5 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[3-hydroxy-2-[[3-hydroxy-2-[[(methylamino) acetyl] amino]-1-oxopropyl] amino]-1-oxopropyl] amino]-, [R-(R*,R*)]- (9CI) (CA INDEX NAME)

Graphics



Reference(s)

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REFERENCE 1: 85:46987 Total
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Chem., Tech.

Hochsch. Darmstadt,
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aminoacyl-4-aminohexosyl-
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REFERENCE 3: 83:10673
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antibiotic gougerotin.
Lichtenthaler,

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Menzel, Heinrich M. (Inst. Org.
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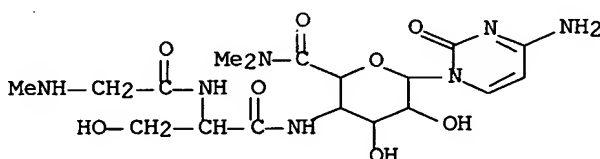
CAS Registry Number

51693-92-6 REGISTRY

Chemical or Trade Name

β-D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-N,N-dimethyl-4-[[N-(N-methylglycyl)-D-seryl]amino]- (9CI)
(CA
INDEX NAME)

Graphics



Reference(s)

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2

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2

REFERENCE 1: 83:142424

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ISSN: 0014-5793.

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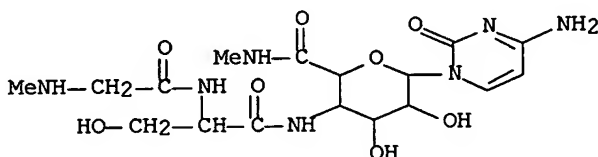
CAS Registry Number

51693-91-5 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-N-methyl-4-[[N-(N-methylglycyl)-D-seryl]amino]- (9CI)
(CA INDEX
NAME)

Graphics



Reference(s)

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2

REFERENCE 1: 83:142424

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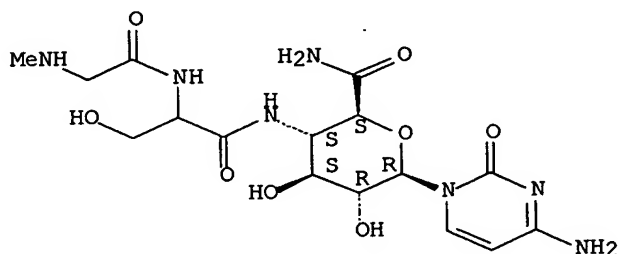
CAS Registry Number

24317-86-0 REGISTRY

Chemical or Trade Name

Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[2-[2-(methylamino)acetamido]hydracrylamido]-, β -D- (8CI) (CA INDEX NAME)

Graphics



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1.3 ANSWER 17 OF 17 REGISTRY
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CAS Registry Number

2096-42-6 REGISTRY

Chemical or Trade Name

β -D-Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[[N-(N-methylglycyl)-D-seryl]amino]- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

Glucopyranuronamide, 1-(4-amino-2-oxo-1(2H)-pyrimidinyl)-1,4-dideoxy-4-[D-

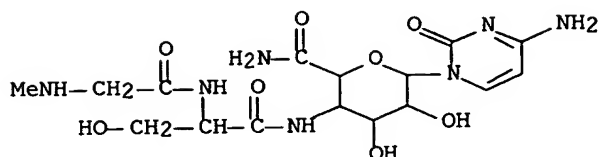
2-[2-(methylamino)acetamido]hydracrylamido]-, β -D- (8CI)
Gougerotin (7CI)

OTHER NAMES:

Aspiculamycin
Asteromycin

Graphics

10/067,017



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1127117 A 19960724, 8 pp.
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1995-115838 19950901.

Patent Information

PATENT NO.	KIND	DATE
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APPLICATION NO. DATE

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PI CN 1127117 A 19960724 CN
1995-115838 19950901
CN 1060933 B 20010124

REFERENCE 3: 129:274738 Yunnanmycin, a novel antitumor antibiotic II.

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Madrid, 28049, Spain). Virology,
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